Directory

92-03325/

If this province's research facilities, its support networks and all the people employed directly or indirectly by technology were combined, they would create our third largest city – Science City.

The information in this directory was provided by each of the organizations listed. Technology, Research and Telecommunications is not responsible for errors or omissions.

For further information on the science and technology community in Alberta, Contact:

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Corporate and Public Relations
Technology, Research and
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Edmonton, Alberta
T5J 3L9

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ASSOCIATIONS

ASSOCIATIONS

Agriculture Canada

Suite 810, 9700 Jasper Avenue
Edmonton, Alberta
T5J 4G5
Phone: (403) 495-4141
Fax: (403) 495-3324

Media/Communications Contact:
Rodney Dlugos (403) 495-5522

Alberta Aerospace Association

67 Airport Road
Edmonton, Alberta
T5G 0W6
Phone: (403) 453-6231
Fax: (403) 454-9474

President: Ed Fitzhenry
Media/Communications Contact:
David Holehouse

Alberta Agriculture

7000 - 113 Street
Edmonton, Alberta
T6H 5T6
Phone: (403) 427-2127
Fax: (403) 427-2861

Media Communications Contact:
Brad Haddrell

Alberta Association of Courseware Producers

Suite 1002, 10611 - 98 Avenue
Edmonton, Alberta
T5K 2P7
Phone: (403) 424-4433
Fax: (403) 424-4888

President: Hans Kratz
Media/Communications Contact:
Alexis MacMillan

Alberta Society of Engineering Technologists

Suite 1520 - Royal Trust Tower
Edmonton Centre
Edmonton, Alberta
T5J 2Z2
Phone: (403) 425-0626
Fax: (403) 424-5053

Executive Director:
Brian McCormack, R.E.T.
Media/Communications Contact:
Jay Fisher
Director of Public Relations

Other Information:
Professional society for engineering and applied science technicians and technologists in Alberta. Issuers of Certified Technician (C.Tech.), Certified Engineering Technician (C.E.T.), Applied Science Technologist (A.Sc.T), Certified Engineerng Technologist (C.E.T.), and Registered Engineering Technologist (R.E.T.) credentials.

Alberta Teachers' Association, Science Council

11010 - 142 Street
Edmonton, Alberta
T5N 2R1
Phone: (403) 453-2411
Fax: (403) 455-6481

President: Frank Jenkins
(403) 436-3745 (Home)
(403) 434-8451 (Bus.)
Media/Communications Contact:
Dawn Lindenberg
(403) 434-1507 (Home)
(403) 454-8576 (Bus.)
(403) 452-7563 (Fax)

Other Information:
ATA Liaison: Ralph Klintberg
(403) 453-2411 Ext. 208
(403) 455-6481 Fax

Association of Professional Engineers, Geologists and Geophysicists of Alberta (Calgary)

Suite 229
Energy Resources Conservation Board Building
640 - 5th Avenue, S.W.
Calgary, Alberta
T2P 3G4
Phone: (403) 262-7714
Fax: (403) 269-2787

Association of Professional Engineers, Geologists and Geophysicists of Alberta (Edmonton)

15th Floor, Scotia Place, Tower One
10060 Jasper Avenue
Edmonton, Alberta
T5J 4A2
Phone: (403) 426-3990
Fax: (403) 426-1877

Executive Director & Registrar:
R. Ross, P.Eng.
Communications Director:
T.N. Maine, P.Eng.

Calgary Council for Advanced Technology (CCAT)

c/o DeVry Institute of Technology
803 Manning Road, N.E.
Calgary, Alberta
T2E 7M8
Phone: Betty Tessier (Contact)
(403) 235-3450
President: Mr. Rick White
Media/Communications Contact:
Mr. Bill Croft (403) 282-0464

Canadian Advanced Technology Association

2816 - 11th Street, N.E.
Calgary, Alberta
T2E 7S7
Phone: (403) 250-1770
Fax: (403) 250-1964

President: Roy Woodbridge - Ottawa
Media/Marketing/Communications
Contact: John Reid

Canadian Association of Courseware Producers

145 Voyageur, 52152 Range Road 210
Sherwood Park, Alberta
T8G 1A5
Phone: (403) 922-4711
Fax: (403) 922-5650

President: Micheline L'Esperance Labelle
Media/Communications Contact:
Hans Kratz

The Canadian Chemical Producers' Association

(Alberta Regional Committee)
1410 Oxford Tower
10235 - 101 Street
Edmonton, Alberta
T5J 3G1
Phone: (403) 420-1144
Fax: (403) 425-4623

Chairman: Mr. W.K. (Bill) Stephenson
(403) 342-8646
(403) 342-8608 Fax
Media/Communications Contact:
Mr. George Marshall
(403) 428-1985
(403) 420-0005 Fax

Canadian Information Processing Society (CIPS)

P.O. Box 1881
Edmonton, Alberta
T5J 2P3
Phone: (403) 420-6923
Fax: (403) 488-1364

President: Lynne Heffel
Media/Communications Contact:
Ray Johnson

Other Information:
The CIPS Vision is to be the national presence for and voice of information professionals while providing a focal point for the interchange of information. This vision is supported through professional education programs, accreditation of university and college computer science programs, certification of information systems practitioners, and by promoting professionalism in our industry.

Canadian Manufacturers' Association

1531 Esso Tower
10060 Jasper Avenue
Edmonton, Alberta
T5J 3R8
Phone: (403) 426-6622
Phone: (1-800-642-3871) (Alberta ONLY)
Fax: (403) 426-1509

President: Stephen Van Houten
Suite 1400
One Yonge Street
Toronto, Ontario
M5E 1J9
Media/Communications Contact:
R.W. (Bob) Saari

Canadian Society for Industrial Engineering

Foothills Chapter 212
P.O. Box 6234 - Station "D"
Calgary, Alberta
T2P 2C8
Phone: (403) 290-3439
Fax: (403) 290-3242

President: David Dares - (403) 290-3439
Media/Communications Contact:
Paul Poutanen (403) 290-4100

The Chemical Institute of Canada (CIC)

Edmonton Section
Box 60767, Sub Postal Outlet
#256, 8900 - 115 Street
Edmonton, Alberta
T6G 2S9

President: Dr. Roger Cowles
Syncrude Research
P.O. Box 5790
Edmonton, Alberta T6G 4G3
Phone: (403) 464-8553
Fax: (403) 464-8405
V. Pres: Dr. Nancy Cyr
Alberta Research Council
Box 8330 - Station "F"
Edmonton, Alberta T6H 5X2
Phone: (403) 450-5417
Fax: (403) 450-5477
Media/Communications Contact:
Dr. Roger Cowles (above)

Other Information:
The CIC is the national scientific, educational and professional organization of chemists, chemical engineers and chemical technologists. The local section organizes monthly meetings for members and others who are interested; arranges an annual short course and other activities to increase public awareness of chemistry.

Consulting Engineers of Alberta

Suite 1410, Oxford Tower
10235 - 101 Street
Edmonton, Alberta
T5J 3G1
Phone: (403) 420-6066
Fax: (403) 425-4623

President: D.J. (Darrell) Danyluk
Media/Communications Contact:
Darrell Danyluk, Pres.
A.C. Oliver, Exec. Dir.

Electronic Industry Association of Alberta

9924 - 45 Avenue
Edmonton, Alberta
T6E 5J1
Phone: (403) 436-9750
Fax: (403) 437-1240

President: Mr. Peter Van Der Zee
Media/Communications Contact:
Mr. Larry Kelly

Electronics Network Association of Alberta (ENAA)

Chairman of the Board: John Zupancic
Phone: (403) 492-3914
Fax: (403) 492-1643

Association composed from:
The Laser Institute
Alberta Microelectronic Centre
TR Labs
Electronics Test Centre
Alberta Research Council

Fort Saskatchewan Regional Industrial Association

Suite 1410 Oxford Tower
10235 - 101 Street
Edmonton, Alberta
T5J 3G1
Phone: (403) 420-0500
Fax: (403) 425-4623

President: Mr. Dennis E.G. Maschmeyer
(403) 998-6406
(403) 998-6568 Fax
Media/Communications Contact:
Ms. Leslie Beard

Software Alberta

10915 - 39 Avenue
Edmonton, Alberta
T6J 0M1
Phone: (403) 463-3330

President: Paul Andre Chamberland
Vice President: Stanley Mah
(403) 434-5637
Membership Director & Treasurer:
(403) 446-9137

Other Information:
Software Alberta is a non-profit society with members being practising professionals involved in the software industry. The Society assists Alberta's software entrepreneurs in meeting the challenges of creating, marketing and supporting software.

STSC Chemistry Author Group

3516 - 104 Street
Edmonton, Alberta
T6J 2J7
Phone: (403) 436-3745
Fax: (403) 436-3745
or
Harry Ainlay Composite High School
4350 - 111 Street
Edmonton, Alberta
T6J 1E8
Phone: (403) 434-8451
Fax: (403) 438-1465

President: Dr. Frank Jenkins

Other Information:
The group of science education authors/ consultants have been together as a group for 18 years and incorporated under The STSC Chemistry Author Group. Mostly we write chemistry and physics textbooks for

high school students. We have written the ALCHEM and the STSC Chemistry textbooks which are used widely in the province of Alberta.

University of Calgary Women in Science and Engineering (U of C. WISE)

c/o Chemistry Department
2500 University Drive, N.W.
Calgary, Alberta
T2N 1N4
Phone: (403) 220-7306
Fax: (403) 289-9488

President: Sharon Thomas

Other Information:
U of C WISE publishes occasional newsletters and provides workshops, panel discussions and speakers on a wide variety of topics relevant to its target audience. Recent initiatives include a weekly tutorial/ study group session for first-year physics courses and a series of career information sessions. Of prime importance has been the establishment of a program called Connections, an organization of science oriented women on campus. Each Connections subgroup is structured to consist of 6-10 members from the undergraduate to faculty level providing a significant network for all members.

Women in Scholarship, Engineering, Science and Technology (WISEST)

Department of Chemistry
University of Alberta
Edmonton, Alberta
T6G 2G2
Phone: (403) 492-4969
Fax: (403) 492-8231

President: Dr. C.R. James
Vice-President, Research
University of Alberta
Edmonton, Alberta
Media/Communications/Marketing Staff Contact:
Dr. Margaret-Ann Armour

Other Information:
Mandate: To increase the proportion of women in decision-making roles, especially in the Sciences and Engineering.

UNIVERSITIES

UNIVERSITY OF ALBERTA

Media

Research Contacts:

Ms. S.L. Halme
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Co-ordinator of Programs
Research Grants Office
1-3 University Hall
University of Alberta
Edmonton, Alberta
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Phone: (403) 492-2938
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Business & Government

Research Contact:

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Vice-President (Research)
3rd Floor, University Hall
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-5355
Fax: (403) 492-1438

Faculty of Agriculture & Forestry

Dr. S. Pawluk
Associate Dean (Research)
2-14 Agriculure/Forestry Centre
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-0100
Fax: (403) 492-4265

Faculty of Dentistry

Dr. D. Paton
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3036 Dentistry/Pharmacy Centre
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Phone: (403) 492-5636
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Faculty of Education

Dr. J. Paterson
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Fax: (403) 492-0236

Faculty of Engineering

Dr. C.E. Capjack
Associate Dean (Planning)
5-1 Mechanical Engineering Building
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-5398
Fax: (403) 492-0500

Faculty of Home Economics

Dr. J.P. Montgomery
Associate Dean
115 Home Economics Building
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-3824
Fax: (403) 492-4821

Faculty of Medicine

Dr. M. Poznansky
Associate Dean (Research)
2J2.00 Walter MacKenzie Centre
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-6621
Fax: (403) 492-7303

Faculty of Nursing

Dr. Pam Brink
Associate Dean (Research)
3rd Floor, Clinical Sciences Building
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-6832
Fax: (403) 492-2551

Faculty of Pharmacy & Pharmaceutical Sciences

Dr. L. Wiebe
Associate Dean
3118 Dentistry/Pharmacy Centre
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-5905
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Faculty of Rehabilitation Medicine

Dr. M. Piper
Dean
Corbett Hall
University of Alberta
Edmonton, Alberta
T6G 2J9
Phone: (403) 492-2903
Fax: (403) 492-1626

Faculty of Science

Dr. W.M. Samuel
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Contact for the Technology Transfer Office

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Director
Intellectual Property & Contracts Office
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University of Alberta
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Contact for Other Research Related Information

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Research Grants Office
1-3 University Hall
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Edmonton, Alberta
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Fax: (403) 492-6446

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Acid Rain

Acid precipitation, atmospheric deposition
Dale H. Vitt (Botany) Professor 492-3380

Denitrification, sulphur, soil acidification, nitrogen fertilizers
Marvin Nyborg (Soil Science) Professor 492-6557

Agriculture

Animal housing, air quality, aerial contaminant production rates
J.J. Feddes (Agriculture Engineering) Associate Professor 492-0105

Automatic control of agricultural environments, ventilation, heating
Jeremy J. Leonard (Agricultural Engineering) Chair 492-0106

Harvesting, dehydration, forage preservation, tillage
H. Page Harrion (Agricultural Engineering) Professor 492-2865

Irrigation, drainage
Egon Rapp (Agricultural Engineering) Professor emeritus 492-0107

Wheat genetics
John Kupira (Genetics) Professor 492-4149

Wheat chemistry
Dimitri Hadziyev (Food Science) Professor 492-3622

Aids

Hemmorhagic fevers, viral immunology, new viral vaccines
Raymond G. Marusyk (Medical Microbiology and Infectious Diseases) Professor 492-2323

Aircraft

Aerodynamics, sailplanes, wing sections
David Marsden (Mechanical Engineering) Professor 492-3705

Animal Science

Use of animals in medical research at the University of Alberta

D.C. Secord (Research/Surgery) Professor; Advisor, Animal Welfare 492-3577

Antibiotics

Biochemistry of penicillin production

Susan E. Jensen (Microbiology) Assoc. Professor 492-0830

Environmental chemistry, chemistry of plant diseases, medicinal and narcotic plant compounds

William A. Ayer (Chemistry) Professor, Vice-President Canadian Society for Chemistry 492-5476

Penicillin, antibiotic production

Donald Westlake (Microbiology) Professor & Chair 492-3279

Arctic

Atmospheric icing, northern development

Gerald SH Lock (Mechanical Engineering) Professor 492-4710

Artificial Intelligence

Artificial intelligence and computer vision, perception and cognition

Michael Dawson (Psychology) Asst. Professor 492-5175 or 492-5216 (messages)

Machine learning, learning systems, expert systems

Renee Elio (Computing Science) Asst. Professor 492-5444

Formal logic by computer, natural language under-standing

Jeff Pelletier (Philosophy) Professor; Co-editor, Linguistics and Philosophy 492-4069

Astronomy and Astrophysics

Atomic physics and transitions, aurora
John A. Kernahan (Physics) Professor; Treasurer, Edmonton Radial Railway Society 492-3518

Black holes, cosmology, general relativity
Werner Israel (Physics) Professor, CIAR Fellow 492-3552

Radio astronomy
David Routledge (Electrical Engineering) Professor 492-5668

Atomic Energy

Atomic structure
Serafin Fraga (Chemistry) Professor 492-3506

Nuclear power, fundamental aspects of physics
Faqir Chand Khanna (Physics) Director, Theoretical Physics Institute 492-5507

Nuclear reactor construction materials
RL Eadie (Mining, Metallurgical and Petroleum Engineering) Assoc. Professor 492-2858

Biochemistry

Biochemical analysis: amino acids
NJ Dovichi (Chemistry) Assoc. Professor, Editor, Progress in Analytical Spectroscopy 492-2845

Peptide and protein engineering in relation to peptide pharmaceuticals and synthetic vaccine
Robert S. Hodges (Biochemistry) Professor 492-2758

Protein structure and function
Michael NG James (Biochemistry) Professor 492-4550

Biomedical Engineering

Electrical studies of gastro-intestinal tract, smooth muscle
Nelson G. Durdle (Electrical Engineering) Professor 492-5781

Bone

Marrow transplantation, marine invertebrate immunology

Thomas G. Wegmann (Immunology) Professor; Chair, Advisory Committee on Biotechnology 492-2275

Buildings and Bridges

Concrete building safety and design

James G. MacGregor (Civil Engineering) Professor, Chair, Canadian Concrete Building Design Code 492-5114

Steel structures, welding, bolting, stability, connections

DJL Kennedy (Civil Engineering) Professor 492-4713

Cancer

Cancer chemotherapy, anti-viral agents

James William Lown (Chemistry) Professor 492-3646

Radio Therapy

Adalei Starreveld (Radiation Oncology) Professor 492-8749

Chemistry

Catalytic processes

KT Chuang (Chemical Engineering) Professor 492-4676

Ceramic sensors in chemical detection

Thomas H. Etsell (Mining, Metallurgical and Petroleum Engineering) Professor 492-5594

Chemical education

Heidi Kass (Secondary Education) Professor; Director, IEA Second International Science Studies 492-5415

Environmental chemistry, chemistry of plant disease, medicinal and narcotic plant compounds

William A. Ayer (Chemistry) Professor; Vice-President, Canadian Society for Chemistry 492-5476

Organic chemistry, polymerization

Karl R. Kopecky (Chemistry) 492-4664

Oxidative damage in the body, hydrogen peroxide toxicity, enzyme mechanisms
H. Brian Dunford (Chemistry) Professor 492-3818

Plastics, chemical sensors for biomedial applications
D. Jed Harrison (Chemistry) Professor 492-2790

Recycling chemicals, hazardous chemicals
Margaret-Ann Armour (Chemistry) Faculty Service Officer 492-5566

Sulfur deficiency, recovery and fertilizer
Marvin Nyborg (Soil Science) Professor 492-6557

Theoretical chemistry, chemical dynamics
Bruce L. Clarke (Chemistry) Assoc. Professor 492-5739

Cholesterol

Cholesterol-lowering agents
Derrick LJ Clive (Chemistry) Professor 492-3251

Fatty acids, membrane lipids with micro-organisims
Ronald N. McElhaney (Biochemistry) Professor 492-2413 or 492-2412

Metabolism
MJ Poznansky (Physiology) Assoc. Dean of Medicine 492-5074

Coal

Coal and heavy hydrocarbons, gasification, liquefaction
Norbert Berkowitz (Mining, Metallurgical and Petroleum Engineering) Professor 492-2602

Coal preparation, coal floatation
L.R. Plitt (Miing, Metallurgical and Petroleum Engineering (Professor) 492-3454

Combustion

Fuel economy, fuel emissions, furnace efficiency

James Douglas Dale (Mechanical Engineering) Professor; Chair, Canadian Section, Combustion Institute 492-5317

Communications

LANDSAT images, image registration

Wayne A. Davis (Computing Science) Professor; Acting Director, Alberta Centre for Machine Intelligence and Robotics 492-3976

Microwave communications, optical fibre communications, telecommunications

Paul A. Goud (Electrical Engineering) Professor 492- 3940

Optical fibre communications, telecommunications, cable TV, news services, Telidon

George Cormack (Electrical Engineering) Professor 492-3334

Computer

Application of computers in scientific laboratories

Gary P Finley (Psychology) Faculty Service Officer 492-2834 or 492-5256

Computer-based instruction, business training, authoring systems

Michael Szabo (Educational Psychology) Professor 492-1155

Computer-assisted instruction, computer based education courseware design, authoring languages

E. Romaniuk (Educational Psychology) Chair 492-2389

Computer-assisted instruction, research design, software development

Steve Hunka (Education Research Services) University Professor 492-3762

Computer-assisted instruction, teaching cardiology

Richard E. Rossall (Cardiology) Professor 492-6352

Computer communications networks and performance analysis, medical imaging networks

Ursula Maydell (Computing Science) Assoc. Professor; Program Chair, CIPS Computer Conference 1988 492-5678 or 492-4766

Computer graphics, computer architecture, super computers, computer systems

John Tartar (Information Systems) Assoc. VP (Academic) 492-5682

Computer graphics, human computer interface, software engineering, computer animation

Mark William Green (Computing Science) Assoc. Professor 492-4584

Computer graphics, image processing

Wayne A. Davis (Computing Science) Professor; Acting Director, Alberta Centre for Machine Intelligence and Robotics 492-3976

Computer literacy, video disk design, computers in second languages

Douglas Parker (Elementary Education) Professor 492-5101

Computer simulation (Agriculture)

A. Wayne Anderson (Agricultural Engineering) Assoc. Professor; Secretary-Treasurer, Canadian Feed Industry Association (Alberta) 492-0104

Computers in education, computer-assisted instruction

Milton W. Petruk (Educational Research Services) Professor 492-3762

Computers in science education, attitudes, values

Heidi Kass (Secondary Education) Professor; Director, IEA Second International Science Studies 492-5415

Computer simulation, codes, hydrodynamics, x-ray generation and transport

Clarence E. Capjack (Electrical Engineering) Assoc. Dean (Planning), Professor 492-3379

Designing software programs to aid biotechnical research

Robert S. Hodges (Biochemistry) Professor 492-2758

Human motion computer graphics, software specification
William W. Armstrong (Computing Science) Professor 492-2374

Information systems, hospitals
D. Fenna (Applied Sciences in Medicine) Chair 492-6342

Process control, controlling equipment by computer, digital simulation
Reg K. Wood (Chemical Engineering) Professor 492-3392

Dams

Earth deformations, earth-supported structures, tunnels, foundation studies
Zdenek Eisenstein (Civil Engineering) Professor; Chief Editor, Canadian Tunnelling 492-5511

Foundation engineering, clay, shear strength
Norbert R. Morgenstern (Civil Engineering) Professor 492-5127

Hydraulic engineering, environmental hydraulics, dams and fishways
Nallamuthu Rajaratnam (Civil Engineering) Professor 492-3903

Data Bases

Data base design, management
William W. Armstrong (Computing Science) Professor 492-2374

Electricity

Electrical magnetism, super conductivity
Stuart B. Woods (Physics) Professor 492-4130 or 492-4532

Energy

Conservation, environmental attitudes, resource use
Edgar Lionel Jackson (Geography) Assoc. Professor 492-0345

Energy metabolism, nutrition
Lawrence C.H. Wang (Zoology) Professor 492-4402 or 492-5495

Engineering

Computer analysis of engineering structures
Terry M. Hrudey (Civil Engineering) Professor 492-5115

Computer applications in geotechnical engineering
Zdenek Eisenstein (Civil Engineering) Professor 492-5511

Engineering education, developing curricula for developing countries
Paul A. Goud (Electrical Engineering) Professor 492-3940

Geotechnical engineering: oil sands, landslides, permafrost
Norbert R. Morgenstern (Civil Engineering) Professor 492-5127

Solids pipelining
Norbert Berkowitz (Mining, Metallurgical and Petroleum Engineering) Professor 492-2602

Stress analysis, reinforced openings
David R. Budney (Mechanical Engineering) Professor 492-2244

Turbines and turbine balancing
Anthony Craggs (Mechanical Engineering) Chair 492-4517

Vibration, acoustics
M. Gary Faulkner (Mechanical Engineering) Chair 492-3446

Environment

Air conditioning, energy conservation, insulation
Gerald W. Sadler (Mechanical Engineering) Professor 492-3450

Environmental analysis, sampling, standard reference materials
B.G. Kratochvil (Chemistry) Professor; Sr. Editor, Canadian Journal of Chemistry 492-4665

Evolution

Biosystematics, chemosystematics
Keith E. Denford (Botany) Chair 492-3247 or 492-0067

Eye

Human vision, computer vision (robots)
Walter F. Bischof (Psychology)
Asst. Professor 492-5275

Physiology of vision
David D. Beatty (Science) Assoc. Dean
492-4758

Farming

Electronics applied to agriculture and farming methods
Jeremy J. Leonard (Agricultural Engineering) Chair 492-0106

Forestry

Germination, conifer seed biotechnology
D.J. Gifford (Botany) Asst. Professor
492-5463

Satellite use
P.H. Crown (Soil Science)
Assoc. Professor 492-2886

Gas

Gas treating, hydrogen sulphide, natural gas, mixtures
Alan E. Mather (Chemical Engineering)
Professor 492-3957

Genetics

Biotechnology
Susan E. Jensen (Microbiology)
Assoc. Professor 492-0830

Gene Cloning, DNA sequencing, gene expression
Frank E. Nargang (Genetics)
Assoc. Professor 492-5375

Gene Cloning, DNA sequencing, gene expression
Andrew R.E. Shaw (Medical Oncology)
Assoc. Professor 492-8519

Gene expression, DNA Biochemistry
D.J. Gifford (Botany) Asst. Professor
492-5463

Genetic engineering
Susan E. Jensen (Microbiology)
Assoc. Professor 492-0830

Gene regulation, recombinant DNA, genetic engineering, molecular immunology
Robert C. Bleackley (Biochemistry)
Assoc. Professor 492-3968

Gene regulation, recombinant DNA, genetic engineering
Ross B. Hodgetts (Genetics) Professor
492-5379

Gene structure, genetic engineering, social issues
David Nash (Genetics) Chair 492-5992

Gene regulation
William J. Page (Microbiology) Professor, Editor, Biology of Metals 492-4782

Genetic engineering, alien gene transfer, protoplast fusion
P.D. Walton (Plant Science) Professor
492-4731

Genetic engineering, DNA replication, mutagenesis
Linda J. Reha-Krantz (Genetics)
Assoc. Professor 492-5383

Molecular genetics
Jonathan Tyler (Biomedical Design)
Assoc. Professor; Director, Biomedical Design Facility 492-4870

Geology and Geophysics

Environmental geology
Nat Rutter (Geology) Chair; Professor; President, International Union for Quaternary Research 492-3265 or 492-4109

Geology of the Canadian Rocky Mountains, foothills
Henry A.K. Charlesworth (Geology)
Professor 492-2664

Grain

Cereal grain biotechnology (maize, winter wheat), experimental pollination (poppies)
David D. Cass (Botany) Professor
492-3248

Greenhouses

Air quality, dust, air distribution, aerial contaminant production rates

J.J. Feddes (Agricultural Engineering) Asst. Professor 492-0105

Hazardous Chemicals

Hazardous waste management

Steve Hrudey (Health Services Administration and Community Medicine) Professor 492-6807

Recycling chemicals, waste chemicals, chemical disposal

Margaret-Ann Armour (Chemistry) Faculty Service Officer 492-5566

Toxic chemicals, toxic metals

John Hoddinott (Botany) Assoc. Professor 492-4587

Hearing Impaired

Laser disc and computer applications in hearing-impaired instruction

Terry Tang (Instructional Technology Centre) Manager, Production Services 492-3992

Heating

Heating, energy conservation, fuel economy, fuel emissions, furnace efficiency

James D. Dale (Mechanical Engineering) Professor, Chair, Canadian Section, Combustion Institute 492-5317

Immunology

Immunology of trauma (burns), how the immune system controls itself

Douglas R. Green (Immunology) Assoc. Professor 492-2275

Quantum biology

Serafin Fraga (Chemistry) Professor 492-3506

Transplantation, Tlymphocytes

Bhagirath Singh (Immunology) Professor 492-2275

Lakes

Lake chemistry, biology of small animal life on lake bottoms

William C. Mackay (Zoology) Professor
492-2538 or 492-3308 (messages)

Laser

Lasers/plasma: computer simulation codes, laser beam propagation

Clarence E. Capjack (Electrical Engineering) Assoc. Dean (Planning), Professor 492-3379

Lasers

N.J. Dovichi (Chemistry) Assoc. Professor; Editor, Progress in Analytical Spectroscopy 492-2845

Laser picosecond, laser-piasma interaction, laser diagnostics, high power laser

Robert Fedosejevs (Electrical Engineering) Assoc. Professor 492-3909 or 492-3905

Learning and Learning Disabilities

Systems, machine learning

Renee Elio (Computing Science) Asst. Professor 492-5444

Magnetism

Electromagnetics, radiowave propagation, electroheat, antennas

Frederick S. Chute (Electrical Engineering) Professor 492-5917

Medicine

Electrophysiology

Norman Stockbridge (Surgery) Assoc. Professor 492-3025

Herbal medicine, traditional medicine

William A. Ayer (Chemistry) Professor; Vice-President, Canadian Society for Chemistry 492-5476

Instrument design for bio-medical research and experimentation

Jonathan Tyler (Biomedical Design) Assoc. Professor; Director, Biomedical Design Facility 492-4870

Use of animals in medical research

James C. Russell (Surgery) Professor 492-6359

Metallurgy and Materials Science

Geosynthetics, geotextiles, geomembranes

J. Don Scott (Civil Engineering) Professor, Director, Geosynthetics Research Centre 492-2636

Plastic as an engineering material, composite materials

R.L. Eadie (Mining, Metallurgical and Petroleum Engineering) Assoc. Professor 492-2858

Mining and Minerology

Underground mining, mine venture analysis, mining productivity, project management

Jerry M. Whiting (Mining, Metallurgical and Petroleum Engineering) Chair 492-2867

Mining methods, mining machinery, materials handling, surface mining

Tad S. Golosinski (Mining, Metallurgical and Petroleum Engineering) Professor, Editor, International Journal of Surface Mining 492-4671

Economics, computer simulation, industrial minerals, mineral processing, hydrocyclones

L.R. Plitt (Mining, Metallurgical and Petroleum Engineering) Professor 492-3454

Mining engineering, reserve estimation, geostatistics, simulation of industrial systems

Wayne H. Griffin (Mining, Metallurgical and Petroleum Engineering)
Assoc. Professor 492-3714

Mining wastes

Peter M. Huck (Civil Engineering)
Professor 492-4738

Natural Gas

Flow-through porous media, flow-through conducts

Peter Dranchuk (Mining, Metallurgical and Petroleum Engineering) Professor 492-3390

Hydrogen sulfide mixtures, solubility, H2S removal

Alan E. Mather (Chemical Engineering)
Professor 492-3957

Oil and Petrochemicals

Geophysical exploration

Edo Nyland (Physics) Professor 492-5691 or 492-5097

Heavy oil recovery, oil sands

Syed M. Farouq Ali (Mining, Metallurgical and Petroleum Engineering)
Professor 492-3453

Heavy oil upgrading, sulphur recovery, ethylene, catalysis and chemical reaction engineering

Ivo G. Dalla Lana (Chemical Engineering)
Professor 492-3391

Oil sands, catalysis, tar sands extraction and upgrading

P.J. Crickmore (Chemical Engineering)
Assoc. Professor 492-3472

Oil slicks, effluent disposal

Nallamuthu Rajaratnam (Civil Engineering) Professor 492-3903

Use of electrical in situ extraction

F.E. Vermeulen (Electrical Engineering)
Professor 492-3215

Pharmacology

Neuroeffector transmission, hydrogen sulfide toxicity, drugs affecting cardiovascular tissue

A.S. Clanachan (Pharmacology) Professor
492-0814

Physics

Atomic physics

Eric Henry Pinnington (Physics) Professor
492-3304 or 492-3243

Electron tunnelling, surface physics

John Adler (Physics) Professor 492-3986

Quantum mechanics, charge transfer

Walter R. Thorson (Chemistry) Professor
492-3687

Semi-conductors physics (galliumarsenide)

Frank L. Weichman (Physics) Professor
492-3522

Upper atmosphere physics (aurora), atomic physics

John A. Kernahan (Physics)
Assoc. Professor 492-3518

Plants

Organic synthesis, plant pathogens, microorganisms

William A. Ayer (Chemistry) Professor;
VP, Canadian Society for Chemistry
492-5476

Pollution

Chemical spills

Karl R. Kopecky (Chemistry) Professor
492-4664

Industrial mufflers, industrial noise, sound transmission, duct acoustics

Anthony Craggs (Mechanical Engineering)
Professor 492-4517

Nitrogen oxide emission control

K.T. Chuang (Chemical Engineering)
Professor 492-4676

Power Systems

Field testing, load flow, digital control, control of chemical and industrial plants
Kenneth E. Bollinger (Electrical Engineering) Professor 492-5147

Power plants, rivers, thermal pollution
Nallamuthu Rajaratnam (Civil Engineering) Professor 492-3903

Power system control, load flow, high-voltage transmission lines
Donald H. Kelly (Electrical Engineering) Professor; Assoc. Chair 492-1486

Radiation

Effects of radiation on matter
Gordon R. Freeman (Chemistry) Professor; Director, Radiation Research Centre 492-3468

Radiation protection, radiation physics, radio-therapy isotopes in medicine
J. Scringer (Physics) Professor; Director, Dept. of Medical Physics, Cross Cancer Institute 492-8522 or 429-8523

Radiology

Radiation chemotherapy
J.E. Pedersen (Radiology) Assoc. Professor 492-8755

Robotics

Multiprocessors, Very Large-scale Integrated circuits design
John Tartar (VP Academic) Assoc. VP, Information System 492-5682

Simulation, automated manufacturing
Roger Toogood (Mechanical Engineering) Assoc. Professor 492-4712

Safety

Laboratory safety, safe use of chemicals
Margaret-Ann Armour (Chemistry) Faculty Service Officer 492-5566

Science

Concepts of science, progress, freedom, revolution

Peter A. Schouls (Philosophy) Professor 492-3307

Philosophical foundations of quantum mechanics

W. David Sharp (Philosophy)
Assoc. Professor and Chair. 492-3307

Philosophy of science, philosophy of psychology

Mohan P. Matten (Philosophy)
Assoc. Professor 492-4103

Science education

David D. Beatty (Science) Assoc. Dean 492-4758

Science teaching, science achievement, curriculum, research

Heidi Kass (Secondary Education)
Professor; Director, IEA Second International Science Studies 492-5415

Social consequences of science and technology

Nico Stehr (Sociology) Professor 492-4301

Video-enhanced microscopy for scientific investigation

Bruno Maranda (Faculte Saint-Jean)
Research Scholar 465-8745

Sexually Transmitted Disease

Synthetic vaccine research, purification methodologies

Robert S. Hodges (Biochemistry)
Professor 492-2758

Soil

Soil biochemistry, soil biology, soil quality

W.B. McGill (Soil Science) Professor and Chair 492-4357

Soil chemistry

M.J. Dudas (Soil Science) Professor; Science Advisory Committee, Electric Power Research Institute 492-6472

Solar Energy

Energy conservation, heating, solar radiation

Gerald W. Sadler (Mechanical Engineering) Professor 492-3450

Spine

Spine, human motion mechanics

David R. Budney (Mechanical Engineering) Professor 492-2244

Steel

Brittle fractures

Samuel A. Bradford (Mining, Metallurgical and Petroleum Engineering) Professor 492-2603

Technology

Cultural change, primitive technology

Clifford G. Hickey (Anthropology) Professor 492-5352

High vacuum technology

Ronald P.W. Lawson (Electrical Engineering) Professor and Assoc. Chair. 492-1487 or 492-3192

Impact on society, northern development

Gerald S.H. Lock (Mechanical Engineering) Professor 492-4710

Social consequences of science and technology

Nico Stehr (Sociology) Professor 492-4301

Technology, social philosophy

Robert R. Burch (Philosophy) Assoc. Professor 492-4102

Third World

International training in hydrology and water resources

J.P. Verschuren (Civil Engineering) Professor 492-5119

Transplantation/Transfusion

Transfusion, Transplantation

Jutta Preiksaitis (Infectious Diseases) Asst. Professor 492-4888 or 492-6221

Transportation

Pavement management, materials, conditions, and cracking

Kenneth O. Anderson (Civil Engineering) Professor 492-2060

Public transportation planning

Jaap J. Bakker (Civil Engineering) Professor; Pres., Institute of Transportation Engineers (N. Alberta) 492-5112

Tunnels

Tunnels, earth deformations, earth-supported structures, foundation studies

Zdenek Eisenstein (Civil Engineering) Professor; Chief Editor, Canadian Tunnelling 492-5511

Video

Linear video production, interactive video disc

Terry Tang (Instructional Technology Centre) Manager, Production Services 492-3992

Recording production, contemporary music, broadcast documentary

George Arasimowicz (Music) Asst. Professor; Founding Member, Canadian Electroacoustic Community 492-0591

Videodisc, authoring systems

Michael Szabo (Educational Psychology) Professor 492-1155

Videodisc design

Douglas Parker (Elementary Education) Professor 492-5101

Water

Corrosion of water systems
Samuel A. Bradford (Mining, Metallurgical and Petroleum Engineering) Professor 492-2603

International training in hydrology and water resources
J.P. Verschuren (Civil Engineering) Professor 492-5119

Hydraulic engineering, environmental hydraulics, dams and fishways
Nallamuthu Rajaratnam (Civil Engineering) Professor 492-3903

Women

Women in medicine
Frances Harley (Pediatrics) Professor 492-6631

Women in science
Ellen Bielawski (Boreal Institute for Northern Studies) 492-5913 or 492-2857

Women in science and technology
Heidi Kass (Secondary Education) Professor; Director, IEA Second International Science Studies 492-5415

Women in science
Margaret-Ann Armour (Chemistry) Faculty Service Officer 492-5566

THE UNIVERSITY OF CALGARY

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Research Communicator, Research

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Faculty of Nursing

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Ron Davies (403) 220-5260

Chemistry

Dr. H.L. Yeager (403) 220-5341

Geography

L. Rosenvall (403) 220-5586

Mathematics/Statistics/Actuarial Sciences

Michael G. Stone (403) 220-5202

Physics and Astronomy

Dr. Bland (403) 220-5385

Research Services

Director: Emlyn Jessop (403) 220-3380

Department of Curriculum and Instruction

Department Head: Dr. Douglas Roberts
Dr. Bonnie Shapiro

UNIVERSITY OF LETHBRIDGE

4401 University Drive
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T1K 3M4
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Eric Mokosch, Dean
Phone: (403) 329-2251
Fax: (403) 329-2252

Faculty of Nursing

Una Ridley, Dean
School of Nursing
Phone: (403) 329-2699
Fax: (403) 329-2668

Science Faculties

Bhagwan Dua, Dean
Faculty of Arts and Sciences
Phone: (403) 329-2240

Natural Science

Paul Lewis, Chairman
Dept. of Biological Sciences
Phone: (403) 329-2245

Chris Bender, Chairman
Dept. of Chemistry
Phone: (403) 329-2301

Kermat Ali, Chairman
Dept. of Physics
Phone: (403) 329-2280

Dennis Connolly, Chairman
Dept. of Mathematics and Computer Science
Phone: (403) 329-2470

Rene Barendregt, Chairman
Dept. of Geography
Phone: (403) 329-2225

Research Specialty

Ray McHugh, Director
Research Services
Phone: (403) 329-2747

RESEARCH

RESEARCH

Alberta Environment Centre

Bag 4000
Vegreville, Alberta
T0B 4L0
Phone: (403) 632-8211
Fax: (403) 632-8379

Executive Director: Dr. R.S. Weaver
Media/Communications Contact:
Dr. R.S. Weaver
Marketing Staff Contact: Stan Selinger

Other Information:
Alberta Environmental Centre Mandate: To provide, in cooperation with other agencies, a comprehensive program in environmental protection, rehabilitation, control, and management through research, development, diagnostic and analytical services to agencies of government, industry, and the people of Alberta.

Alberta Foundation for Nursing Research

3125 Manulife Place
10180 - 101 Street
Edmonton, Alberta
T5J 3S4
Phone: (403) 429-3693
Fax: (403) 429-3509

Media/Communications Contact:
Mrs. Terrie Pawsey
Administrative Assistant

Alberta Heritage Foundation for Medical Research (AHFMR)

3125 Manulife Place
10180 - 101 Street
Edmonton, Alberta
T5J 3S4
Phone: (403) 423-5727
Fax: (403) 429-3509

President: Dr. Matthew Spence
Media/Communications Contact:
Lois Hammond

Other Information:
AHFMR contributes about $35 million annually to support a wide range of basic and clinical medical research at the Universities of Alberta and Calgary.

Alberta Microelectronic Centre (AMC) (Edmonton)

#318, 11315 - 87 Avenue
Edmonton, Alberta
T6G 2C2
Phone: (403) 492-3914
Fax: (403) 492-1643

President: John Zupancic
Media/Communications:
Grant Serink, Director
Business Development

Alberta Research Council (Calgary)

3rd Floor, Digital Building
6815 - 8th Street, N.E.
Calgary, Alberta
T2E 7H7
Phone: (403) 297-2600
Fax: (403) 275-3003

President: Dr. B.L. (Brian) Barge
Media/Communications Contact:
Ena Spalding (403) 297-2644

Alberta Research Council (Edmonton)

250 Karl Clark Road
Edmonton, Alberta
Mailing: P.O. Box 8330
Postal Station "F"
Edmonton, Alberta
T6H 5X2
Phone: (403) 450-5111
Fax: (403) 450-5198

Media/Communications Contact:
Dorothy M. Hollands (403) 450-5224
Elizabeth Page (403) 450-5147

Other Information:
The Alberta Research Council provides technical advice and assistance to industry, while conducting longer-term research in fields such as computer-based advanced technologies, energy research and advanced manufacturing. Joint research venture programs allow Alberta companies to work with the Research Council on a cost-shared basis. In

Edmonton, the Electronics Test Centre, biotechnology pilot plant, which is the largest of its type in public ownership in the world, forest products pilot plant and testing facilities, environmental research and engineering, and analytical laboratories are housed in the headquarters building; the Research Council includes the Alberta Geological Survey, and has a world-renowned oil sands and hydrocarbon recovery research department located in northeast Edmonton, and coal research and hydrocarbon processing department at the Coal Research Centre, Devon. In Calgary, the Research Council's facilities include a robotics laboratory and the advanced manufacturing demonstration testbed. Regular seminars and workshops are presented in both Edmonton and Calgary. Topics include expert systems, robotics, advanced manufacturing technology and advanced computing.

Calgary Research and Development Authority

100, 3553 - 31 Street, N.W.
Calgary, Alberta
T2L 2K7
Phone: (403) 282-0464
Fax: (403) 282-1238

President: Mr. W.D. Croft
Media Contact: Mr. W.D. Croft

Other Information:
The Calgary Research and Development Authority is a not-for-profit organization with the mission to develop and attract research activities and research based advanced technology industry. To achieve this goal, the CR&DA operates several facilities in Calgary to encourage research and assist in the transfer of technology. These include: Discovery Place One, a 60,000 square foot multi-tenant research building, the first of several the CR&DA is developing in the University Research Park; two small business incubators that provide affordable facilities to technology intensive emerging enterprises, plus access to a network of professional, financial and technology assistance; and the 1,066 acre Calgary Research and Development Park. The CR&DA also markets the University of Calgary Research Park, Canada's largest and most successful university affiliated research park. To support these initiatives, the CR&DA is engaged actively in a proactive, focused effort in Canada, the

USA, the Pacific rim and Europe to attract organizations to invest in research and advanced technology manufacturing facilities in Alberta.

Centre for Frontier Engineering Research (C-FER)

200 Karl Clark Road
Edmonton, Alberta
T6N 1E2
Phone: (403) 450-3300
Fax: (403) 450-3700

President and CEO:
Dr. Touraj Nasseri, P.Eng.
Media/Communications Contact:
Dr. W.D. (Bill) Roggensack

Other Information:
The Centre for Frontier Engineering Research's mandate is to develop effective solutions for the safe and economical development of Canada's energy resources. The Centre offers a broad range of services through the integration of expertise in disciplines that include: Structural analysis and engineering; cold region and offshore engineering; mathematical modelling and numerical analysis; experimental design and testing. Research at C-FER results in both improvement of existing technologies and development of new ones. Core and contract projects are carried out within four departments: Materials and Structure Technology; Downhole Technology; Safety and Risk Technology; Laboratories.

Edmonton Research Park

#203 Advanced Technology Centre
9650 20 Avenue
Edmonton, Alberta
T6N 1G1
Phone: (403) 462-2121
Fax: (403) 428-5376

President: Glenn A. Mitchell
Media/Communications Contact:
Glenn A. Mitchell

Other Information:
The Edmonton Research Park houses a variety of research based technologies. However, the major areas of growth have been in medical biotechnology, telecommunications and electronics, petroleum research and frontier engineering. The advanced technology centre, a prize winning custom-built

'incubator' designed to support new and early stage advanced technology enterprises, provides services to the entire Edmonton Research Park community as well as its local entrepreneurs.

National Research Council

250 Karl Clark Road
Edmonton, Alberta
T6H 5X2
Mailing: Box 8330, Station "F"
Edmonton, Alberta
T6H 5X2
Phone: (403) 495-6509 or (403) 450-5221
Fax: (403) 495-6510

Provincial Co-ordinator:
Andy W. Gilliland
Media/Communications Contact:
Andy W. Gilliland

Other Information:
The National Research Council administers the Industrial Research Assistance Program (IRAP) in Alberta in partnership with provincially based technical organizations, providing financial and technical assistance and information services through Industrial Technology Advisors to small and medium-sized companies as part of its' national program.

Networks of Centres of Excellence, Alberta Nodes

Neural Regeneration and Functional Recovery

Dr. R.G. Lee
Department of Clinical Neurosciences
University of Calgary
(403) 270-1260

Dr. M.A. Bisby
Department of Medical Physiology
University of Calgary
(403) 220-4473

Dr. R.B. Stein
Neurosciences Division
University of Alberta
(403) 492-1618

Dr. R.A. Murphy
Anatomy & Cell Biology Division
University of Alberta
(403) 492-7016

Dr. Kelvin James
Biomech Design Ltd.
(403) 492-1619

Dr. Brian Kolb
University of Lethbridge
(403) 329-2405
Dr. Ian Whishaw
University of Lethbridge
(403) 329-2402

Protein Engineering: 3D Structure, Function and Design

Dr. B.D. Sykes
Biochemistry Division
University of Alberta
(403) 492-5460
Dr. Bob Hodges
Department of Biochemistry
SPI Synthetic Peptides
University of Alberta
(403) 477-2758

Institute of Telecommunications Research

Dr. I. MacDonald
TR Labs
(403) 461-3830

Microelectronic Devices, Circuits and Systems for UltraLarge Scale Integration

Dr. L. Bruton
Dean's Office: Engineering
University of Calgary
(403) 220-4881

Genetic Basis of Human Disease

Dr. L. Leigh Field
Department of Paediatrics
University of Calgary
(403) 220-3051

Respiratory Health

Dr. W.A. Whitelaw
Department of Medicine
University of Calgary
(403) 220-6868

Promoting Independence and Productivity in an Aging Society

Dr. Allen Dobbs
Division of Psychology
University of Alberta
(403) 492-5850

High Performance Centre

Dr. James MacGregor
Division of Civil Engineering
University of Alberta
(403) 492-5114

Institute for Robotics and Intelligent Systems (IRIS)
Dr. R.G. Goebel
Division of Computing Science
University of Alberta
(403) 492-2683

Bacterial Diseases
Dr. P.A. Sokol
Microbiology & Infectious Diseases
University of Calgary
(403) 220-6037
Dr. William Paranchych
Microbiology Division
University of Alberta
(403) 492-0672
Dr. Richard Smith
Chembiomed
(403) 450-6800
Dr. Bob Hodges
SPI Synthetic Proteins
(403) 477-2758

Biotechnology for Insect Pest Management
Dr. K. Iatrou
Department of Medical Biochemistry
University of Calgary
(403) 220-7536

Space Research
Dr. Leroy L. Cogger
Department of Physics and Astronomy
University of Calgary
(403) 220-5386
Dr. G. Rostoker
Earth & Planetary Physics
University of Alberta
(403) 492-1061
Dr. Cliff Anger
Itres Research Ltd.
(403) 274-7440

Geological Survey of Canada-Institute of Sedimentary and Petroleum Geology

3303-33 Street, N.W.
Calgary, Alberta
T2L 2A7
Phone: (403) 292-7049
Fax: (403) 292-5377

President: Dr. Grant Mossop (Director)
Vice President: Mr. Grant Smith (Assistant Director)
Media/Communications Contact: Marilu Silenzi 292-5497

Other Information:
ISPG is a regional division of the geological survey of Canada – part of the federal department of Energy Mines and Resources. It has comprehensive knowledge and expertise on the geology, geophysics, and resource potential of sedimentary basins in western and northern Canada and provides national resource estimates for oil, gas, and coal. National programs in research in paleontology, organic geochemistry and coal geology are conducted at the institute.

TRLabs (Telecommunications Research Laboratories)

Head Office:
Suite 200, 4245 - 97 Street
Edmonton, Alberta
T6E 5Y7
Phone: (403) 440-7200
Fax: (403) 463-3010

Calgary Lab:
Suite 280, 3553 - 31 Street
Calgary, Alberta
T2L 2K7
Phone: (403) 289-3140
Fax: (403) 282-5870

President and CEO: Ray Fortune
Media/Communications Contact:
Michael Leung

Other Information:
With laboratories in Edmonton and Calgary, the Telecommunications Research Centre works with industry on joint research and development in telecommunications. Participating industries have access to processes, systems and patents developed by the Centre. Expert assistance is available through contract research for companies wishing to develop new technologies and innovative products.
Research focuses on telecommunications networks and systems, photonics and optical communications, and wireless communications. The ATRC puts out technology in the form of computer models, prototypes and proofs of concepts as well as technology transfer agents in the form of graduating students and industry professionals returning to the field after assignment at the Centre.

TECHNOLOGY

TECHNOLOGY

Advanced Technology Project

Suite 108, 9797 Jasper Avenue
Edmonton, Alberta
T5J 1N9
Phone: (403) 424-7870
Fax: (403) 426-0535

Chairman: Eric A. Geddes
Administrator: Laurie Lanuke

Alberta Microelectronic Centre (AMC) (Calgary)

#200, 3553 - 31 Street, N.W.
Calgary, Alberta
T2L 2K7
Phone: (403) 289-2043
Fax: (403) 289-2047

President: John Zupancic
Media/Communications:
Bob Betteridge, Manager
Business Development

Other Information:
The Alberta Microelectronic Centre is dedicated to the development of a strong microelectronic technology base in the Province of Alberta. By providing regional industry, educational institutes, and the public with access to microelectronic tools and skills, the Centre is helping Albertans realize a future of increased industrial productivity, of more competitive products and services, and of greater regional diversification.

Services:
Contract research, feasibility studies, technology assessment, project management, prototype development, ASIC design, ASIC fabrication, education and awareness programs.

Alberta Microelectronic Centre (AMC) (Edmonton)

#318, 11315 - 87 Avenue
Edmonton, Alberta
T6G 2C2
Phone: (403) 492-3914
Fax: (403) 492-1643

President: John Zupancic
Media/Communications Contact:
Grant Serink, Director
Business Development

Alberta Technology, Research and Telecommunications

12th Floor, 10909 Jasper Avenue
Edmonton, Alberta
T5J 3L9
Phone: (403) 422-0567
Fax: (403) 422-2091

Minister: Fred A. Stewart
403 Legislature Building
Edmonton, Alberta
T5K 2B6
Media Contact: Shannon Jones

Alberta Science Centre/ Centennial Planetarium

P.O.Box 2100, Station "M"
Location #73
701 - 11 Street, S.W.
Calgary, Alberta
T2P 2M5
Phone: (403) 221-3700
Fax: (403) 237-0186

President: Mark Herman
Marketing Staff/Media Contact:
Julie Keenan 221-3728
Monica Zajac 221-3743

Other Information:
The Alberta Science Centre/Centennial Planetarium houses two theatres: the Star and the Pleiades. Star and laser light shows are presented at the Star Theatre, and drama productions are held in the Pleiades theatre.

Calgary Science Network (CSN)

c/o Institute of Sedimentary and Petroleum Geology
3303 - 33rd Street, S.W.
Calgary, Alberta
T2L 2A7

Sponsors of the Science Hotline: 263-6226

President: Godfrey Nowlan
(403) 292-7079

Calgary Unix Users' Group (CUUG)

(Unix & Open Systems Category)
Suite 470, 639 - 5th Avenue, S.W.
Calgary, Alberta
T2P 0M9
Phone: (403) 263-8649
Fax: (403) 261-4688

President: Kim Massie
V. Pres: Gary Sawka
Media/Communications Contact:
Kim Massie

Other Information:
The Calgary Unix Users' Group was formed to facilitate the exchange of information about Unix and Open Systems among interested parties. CUUG has approximately 400 members, 14 corporate sponsors and the first open systems resource centre of its' kind in North America. CUUG has monthly meetings, special interest groups, an internet feed, monthly newsletters and much more. We provide instructor-led and customized courseware development in classroom or computer based in Unix's Open Systems.

Edmonton Council for Advanced Technology (ECAT)

#108, 9797 Jasper Avenue
Edmonton, Alberta
T5J 1N9
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Fax: (403) 426-0535
President: Dr. Anthony Harckham,
Director, Research & Development
Market & Business Development
Media/Communications: Laurie Lanuke,
Administrator, Advanced Technology
Project

Other Information:
ECAT members include scientists, engineers, business people and policy makers having a common interest in the development of Metro-Edmonton's advanced technology industry. The non-profit Council provides a forum to act on behalf of its members, to nurture and serve the advanced technology community and to attract new industries for the mutual benefit of business and the region.

Edmonton Science & Technology Network

Margaret-Ann Armour
Dept. of Chemistry
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Fax: (403) 492-8231

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Edmonton Space & Science Centre

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Fax: (403) 455-5882

President: Gig Field
Executive Director: Les Young
Media/Communications Contact:
Patricia Hutchison
Marketing Staff Contact:
Donalda V. DaSilva

Electronics Test Centre

(sponsored by the ARC)
25 Karl Clark Road
Edmonton, Alberta
T6N 1E4
or
P.O. Box 8330 - Postal Station "F"
Edmonton, Alberta
T6H 5X2
Phone: (403) 450-5370
Fax: (403) 462-7285

General Manager: Brian G. Young
Director (Technical Operations):
John K. Newton
Media/Communications Contact:
Brian G. Young
Marketing Staff Contact: Chris Talliss

Other Information:
The Electronics Test Centre provides testing and certification for electronic products, as well as product evaluation and consulting for manufacturers. The services of the Centre are available to designers, manufacturers, distributors, import purchasers and government agencies. Located at the Alberta Research Council in Edmonton, facilities include: laboratories for environmental testing, product integrity and electromagnetic interference testing using an anechoic chamber and an open field test.

Industry, Science & Technology Canada (Calgary)

11th Floor
510 - 5th Street, S.W.
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Industry, Science & Technology Canada (Edmonton)

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Regional Executive Director: Glenn Fields
Director, International Trade Centre:
Bill Roberts
Media/Communications Contact:
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The LASER Institute (Calgary)

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Director, Business Development:
Allan Peirce
Media/Communications Contact:
Allan Peirce

The LASER Institute (Edmonton)

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Fax: (403) 437-1240

President: Dr. Don C.D. McKen
Media/Communications Contact:
Brenda Pullen

Other Information:
The Laser Institute is a not-for-profit organization which helps industry develop specialized and/cost effective production technology through the use of laser systems. Emphasis is on materials processing, laser sensors, metrology, machine vision, and medical applications.

Services:
Applied research and development; Engineering and feasibility studies; Process and procedure development; System specification and design; Prototype and production runs; Non intrusive sensor development; Market research and business planning; Custom laser materials processing; Custom precision measurement; Education and training.

Northern Alberta Institute of Technology

11762 - 106 Street
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T5G 2R1
Phone: (403) 471-7400
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President: Dr. Stan G. Souch
Media/Communications Contact:
Reg Hodgson
Marketing Staff Contact: Mark Dixon

Other Information:
NAIT is one of Canada's foremost Business and Technological Educational Institutions. Since 1963 NAIT has been offering programming that covers an extensive variety of career fields:

- ***Engineering Technologies (Civil, Architectural, Electrical/Electronics, Mechanical, Petroleum/Mineral Chemical)***
- ***Environmental Laboratories***
- ***Technologies***
- ***Health Science Technologies***
- ***Business***
- ***Hospitality/Pre-Technologies***

Premier's Council on Science & Technology

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Technical Service Council (TSC) (Calgary)

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OTHER OFFICES: Toronto, Mississauga, Cambridge, Montreal, Winnipeg, Vancouver

Other Information:
Established 1927, TSC is a Personnel Consulting Association involved in:
- *Professional and Technical Recruitment (Permanent & Term Positions).*
- *Recruiting Services on Contract*
- *Re-employment/Outplacement Services*
- *Downsizing & Severance Consulting*
- *Spousal Re-employment Services*
- *Seminars*

Technical Service Council (TSC) (Edmonton)

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